

Issue 45: Phase II & III Deliverables

Background

The NCFMP has been conducting new flood studies since 2001. Since that time, the technology of GIS-driven H&H studies, automated QA/QC tools, and database designs/formats have advanced and a number of submittal procedures have been amended to better utilize digital information.

Recommendations

Base Maps

Base map submittals should continue to follow the existing NCFMP guidelines; however Engineering and Mapping Contractors (EMCs) now have the option to submit base maps in PDF format. Submissions in PDF format will receive digital review by the NC CGIA and comments will be returned in the form of annotated PDF files.

Engineering

Engineering deliverables will be amended to include the tie in table requirements detailed in Issue Paper 46.

EMCs are encouraged to submit data digitally, either through email or by posting to an FTP site. Comment Memorandums will be returned to the EMCs via email or by posting to an FTP site. The Comments Memorandum used by the NCFMP will in Microsoft Access format starting with the Yadkin, Broad and French Broad and all subsequent basins.

The NCFMP supports digital submittal of the TSDN, as long as the EMC meets the requirements of the NC Board Engineers and Survey's requirement for digital seals.

DFIRMs

The EMCs must submit the following shapefiles (or their geodatabase equivalent) to Dewberry at the pre-preliminary and preliminary-ready stages in addition to the standard submittal requirements. The shapefiles will be run through automated QC tools to supplement the pre-preliminary and preliminary-ready DFIRM reviews.

- engmldstrcenln = Engineering modeled stream centerline
- mapbfe = BFEs
- mapfirmpan = Panel Scheme for County
- mapfldhazar = Floodplains
- mapfldhazln = Flood Hazard Lines
- mappolar = Political Areas
- maptransportation = Transportation
- mapxsln = Cross Sections

DFIRM Database

The NCFMP is currently upgrading the existing NC DFIRM Database design to geodatabase format. Following release of the NC DFIRM Database design in geodatabase format, the EMCs shall modify the DFIRM production process to incorporate the requirements of the geodatabase.

North Carolina Cooperating Technical State Mapping Program

The EMCs must submit MXDs linked to the geodatabase at preliminary to the NCFMP and Dewberry.

Discussion Summary

Date Discussed: N/A

Discussion Attendees: N/A

Summary of Discussion

N/A

Final Guidelines

See Recommendations above.

Reference

Issue Paper 46: Minimizing Special Problem Reports

Points of Contact

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